

Title (en)  
ELECTRIC SWITCH

Title (de)  
ELEKTRISCHER SCHALTER

Title (fr)  
COMMUTATEUR ELECTRIQUE

Publication  
**EP 1101231 B1 20020410 (DE)**

Application  
**EP 99963151 A 19990709**

Priority  
• DE 9902151 W 19990709  
• DE 19833296 A 19980724

Abstract (en)  
[origin: DE19930558A1] A switch contact, fitted to a slide (7) moved between two positions by an actuating mechanism, moves away from a fixed contact (5) in position one but makes contact with it in position two. An elastic mechanism, designed as an primary spring (10) fitted on the slide like an action point spring, operates on moving the slide with a shift point connecting link. An elastic force acts against the slide's movement up to a change-over point reached while passing the action point.

IPC 1-7  
**H01H 15/18**

IPC 8 full level  
**H01H 15/18** (2006.01); **H01H 19/635** (2006.01)

CPC (source: EP US)  
**H01H 15/18** (2013.01 - EP US); **H01H 9/06** (2013.01 - EP US); **H01H 19/635** (2013.01 - EP US); **H01H 2300/048** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE ES IT LI NL

DOCDB simple family (publication)  
**DE 19930558 A1 20000127**; CN 1123024 C 20031001; CN 1310850 A 20010829; DE 59901210 D1 20020516; EP 1101231 A1 20010523; EP 1101231 B1 20020410; ES 2176041 T3 20021116; JP 2002521800 A 20020716; JP 4424853 B2 20100303; US 6469268 B1 20021022; WO 0007201 A1 20000210

DOCDB simple family (application)  
**DE 19930558 A 19990702**; CN 99808900 A 19990709; DE 59901210 T 19990709; DE 9902151 W 19990709; EP 99963151 A 19990709; ES 99963151 T 19990709; JP 2000562917 A 19990709; US 74439001 A 20010124